2/038/60/000/004/002/005 A201/A026

The Project of the Technical and Nuclear Physics Department in Prague-Liben

for 150 students each. Workshops for practical training of students, for maintenance and production of own laboratory equipment will be attached to a nuclear engineering trade school, to be built in conjunction with this installation. The building will have a subtle, reinforced-concrete frame with a 330 cm modulus and a constant pillar cross section of 25 x 75 cm. The accelerator laboratories will be equipped with a 5 Mev Van de Graaff accelerator and an 300 kev cascade accelerator. The electrostatic accelerator will be located in a room 7 x 11.5 x x 21 m, equipped with a 16 ton crane (Fig. 3). Below the accelerator room there will be a target room 11 x 11.5 x 6 m, which will also house the vacuum and cther accessory equipment. A 30-m-long experimental tunnel, 3 x 2 m, will lead out of the target room. Adjoining to the accelerator room there will be a control room, a measuring room, laboratories and a workshop, which will also serve the cascade accelerator. The cascade accelerator will be located on the next floor in the opposite end of the wing so as to eliminate interference between the two accelerators. It will have auxiliary rooms similar to those of the electrostatic accelerator. All rooms will be air-heated and equipped with a ventilation system securing a 10 cph exchange of the air. The radiochemical laboratories

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Z/038/60/000/004/002/005 A201/A026

The Project of the Technical and Nuclear Physics Department in Prague-Liben

will occupy the first and second floors of the eastern part of the wing (C). The first floor will house "hot" laboratories for work with radiation sources up to 5 c, the second floor will house laboratories for work with sources up to 50 mc. These laboratories will form a separate unit completely isolated from the rest of the building. Work with high-activity materials will be done in a hot cell, 2,400 x 2,400 x 1,500 mm, equipped with periscopes and master-slave manipulators. Work with lower-activity sources will be done in cast-iron boxes equipped with mechanical arms and in glove boxes. - The project has been designed so as to permit a future expansion by annexes (e.g., for technical physics) or by new separate buildings to house, e.g., a high frequency linear accelerator, a reactor, or a laboratory of plasma physics. There are 3 photographs and 3 figures. (Edited

ASSOCIATIONS: Fakulta technické a jaderné fysiky (Department of Technical and Nuclear Physics), Prague (Držka, L.); Státní ústav Chemoprojekt (Chemoprojekt State Institute), Prague (Hejlek, R.)

Card 5/5

#### VETERINARY MEDICINE

### CZECHOSLOVAKIA

HEJLICEK, K.; Veterinary Faculty, College of Agriculture (VSZ, Veterinarni Fakulta), Brno.

"On the Problems on Tuberculosis in Pigs."

Prague, Veterinarni Medicina, Vol 11, No 8, Aug 66, pp 479 - 484

Abstract Author's English summary modified 7: Type differentiation of mycobacteria from pigs slaughtered at the Brno slaughterhouse was made. In 128 samples taken and out of these 51 isolated strains of mycobacteria were calculated. 82.3% were typed as Myc. avium, 9.8% as Myc. bovis, and 3.9% as a mixed infection of Myc. bovis and avium; 3.9% were a mixed infection by Myc. avium and saprophytic mycobacteria. 32 samples of organs showing tuberculous changes were taken; 14 isolated strains of bacteria were cultivated from these: 71.4% were Myc. bovis, and 28.5% as Myc. avium. 3 Tables, 8 Western, 4 Czech, 9 Eastern references. (Manuscript received 27 Jul 65).

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HEJLICEK, Karel, MVDr.; DRAZAN, Jaroslav, MVDr.; PISKAC, Alois, MVDr.

Contribution to the study of colostral immunity in cattle tuberculosis.

Veter medicina 8 no.5:355-362 0 '63.

1. Chair of Epizoetiology and Internal Diseases of the Faculty of Veterinary Medicine of the Higher School of Agriculture, Brno. Head of the Chair [doc, MVDr.] Jaroslav Drazan.

HEJLICEK, Karel, promovany veterinarni lekar

Diagnosis of poultry tuberculosis by threefold tuberculinization in comparison with the droplet agglutination. Veterinarni medicina 7 no.1:53-58 162.

1. Katedra epizootologie, Veterinarni fakulta Vysoke skoly zemedelske, Brno.

HEJLICEK, Karel, promovany veterinarni lekar

Examination of the allergy and production of antibodies after experimental infection of swine with saprophytic mycobacteries.

Veterinarni medicina 7 no.1:59-64 62.

l. Katedra epizootologie, Veterinarni fakulta Vysoke skoly zemedelske, Brno.

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#### CZECHOSLOVAKIA

HEJLICEK, Karel, Dr of Veterinary Medicine, DRAZAN, Jaroslav, Dr of Veterinary Medicine, and PISKAC, Alois, Dr of Veterinary Medicine, Chair of Epizootology and Internal Diseases (Katedra epizootologie a vnitrnich chorob), Faculty of Veterinary Medicine (Veterinarni fakulta), VSZ Vysoka skola zemedelska; Higher School of Agriculture, Brno, Docent Jaroslav DRAZAN, Dr of Veterinary Medicine, director.

"A Contribution to the Study of Colostral Immunity Against Bovine Tuberculosis"

Prague, Veterinarni Medicina, Vol 8(XXXVI), No 5, October 1963, pp 355-362.

Abstract [Authors' English summary, modified]: Investigated was the occurence of antibodies in TB cows and their transfer to calves by means of colostrum. It was found that the level of the hemagglutination antibodies in colostrum corresponded to their level in the blood serum of cows or even was higher. In calves these antibodies were found two and more hours after they drank the colostrum; blood retained them for more than 21 days. The level of specific antibodies is usually determined along with the resorption of gamma globulin and their volume always corresponds to the gamma-globulin content in colostrum. Seven references, including 2 Czech.

1/1

UHLIR, Jaromir; POTHUSIL, Bohumil; HANZL, Josef; HEJLOVA, Zora; PERESTY, Stanislav; SEDLARIK, Karel; DOLINA, Jiri

Reconstruction of tips of cardiac valves. Rozhl. chir. 41 no.5:306-312 '62.

1. II chirurgicka klinika lekarske fakulty University J.Ev.Purkyne v Brne, prednosta prof. MUDr. Jan Navratil. (HEART VALVES surg)

PISA, Zbynek, HAMMER, Jan; s technickou asistenci: STEIDLOVE, A.; HEJLOVE, M.

Evaluation of the treatment of hypotensive conditions after ecclusion of the coronary artery in closed thorax experiments in dogs. Cas.lek.cesk. 99 no.42:1325-1332 14 0 '60.

1. Ustav pro choroby obehu krevniho, Praha-Krc, reditel prof.

MIDT. NI. Weber.

(MYOCARDIAL IMPARCT exper)

(HYPOTENSION exper)

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HEJMANKOVALUHROVA, N.; HEJTMANEK, M.

Contribution to the occurrence of actinomycetes, bacteria, and fungi in the sand regions of southern Moravia. p. 417. (SPISY, No. 378, 1956, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

HEJMANOWSKI, S.

Organization of poplar plantations. p. [2] of cover.

LAS POLSKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland. Vol. 32, no. 7, Apr. 1958.

Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960. Uncl.

HEJMANOWSKI, S.

Cultivation of poplar plantations. p. [2] of cover.

LAS POLASKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawsip Poland. Vol. 32, no. 78, Apr. 1958.

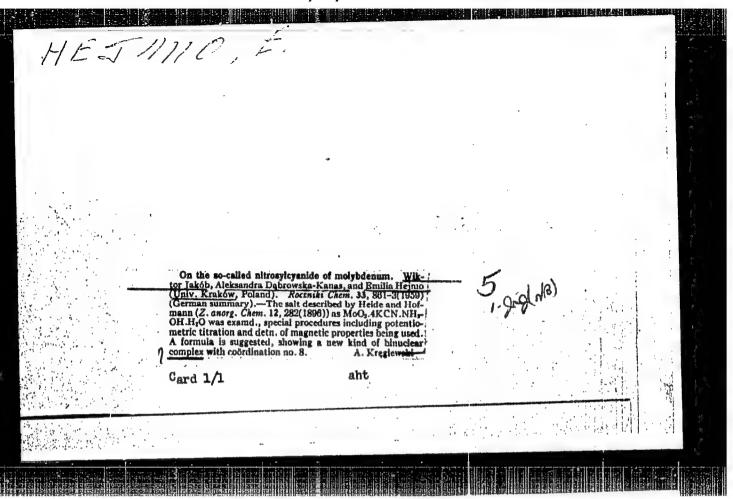
Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960. Uncl.

Manuring young poplar plantations. p. h.

LAS POLASKI. (Ministerstwo Lesnictwa oraz Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland, Vol. 32, no. 13/lh, July 1958.

Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.



HEJMO, Emilia; CGORZALEK, Maria

Magnetic properties of dipyridine cobalt(II). Rocz chemii 34 no.3/4:
(EKAI 10:3)

1. Zaklad Chemii Nieorganicznej Uniwersytetu Jaglelonskiego, Krakow
(Cobalt)

(Pyridine)

JAROB, Wiktor; HE-PaC, Emilia; KANAS, Aleksandra
Inorganic oximes. Pt.1. Rocz chemii 37 no. 7/8:703-709 '63.

l. Department of Inorganic Chemistry, Jagiellonian University, Krakow.

JAKOB, Wikos, ; MELDO, Emilia; KANAS, Aleksandre

Studies on inorganic oximes. Rosz chemit 38 nc. 1:135-136

'54.

1. Department of Inorganic Chemistry, Jagielloman University,
Krakow.

AUTHOR:

Hejmo, Władysław

TITLE:

Equalization of Load and Velocities of a Twin-Drive for Blooming Mill

PERIODICAL: Archi

Archiwum Automatyki i Telemechaniki, 1960, Vol. 5, No. 2, pp. 127 -

- 172

TEXT: The author performs an extensive theoretical analysis of load and velocity equalization control in twin drives of Leonard blooming mills. He points out the deficiencies of conventional control systems and presents a modified and improved system. Theoretical elucidations were verified on a two-high reversing blooming mill. Technical data of the blooming mill were: rollers 1,150 mm in diameter; generators 3,600 kw , 700 v; motors 3,320 kw, 700 v, 50/120 rpm; B =  $\nu$  = 0.0256 sec;  $T_w$  = 1.2 sec;  $T_s$  = 0.119 sec;

 $\theta = \frac{Tw}{B} = 46.7$ ;  $\xi = \frac{EgN}{I_NR} = 11.3$ ;  $\chi = \frac{\xi}{\theta} = 0.24$ .

The theoretical analysis, which to some extent uses approximated calculus, has an explanatory nature and deals with the distribution of momenta in a twin drive, equalization control of load and velocity, control of the high-load and low-load

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APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617930004-1"

Equalization of Load and Velocities of a Twin-Drive for Blooming Mill

motors, influence of delay on the control system, influence of load variation on the control performance, load equalization control as a function of current difference, influence of the excitation coefficient on control performance, correction of velocity errors in unstable states. A summary of the theoretical analysis shows that: 1) there is no way to simultaneously satisfy the requirements of equal load and equal speed. Moreover, simultaneous performance of both control components decreases the effect that might be achieved by only one component of the control system; 2) in heavy rolling mill drives, the efficiency of equalization control systems depends on the period of time required for the correction signal to make effective the control of generator excitation. Therefore, to ensure a proper load equalization control, the system must be directly introduced into the excitation circuits of generators and must by-pass intermediate electromagnetic inertia elements such as amplidynes, exciters, stabilization transformers etc; 3) the efficiency of motor-speed equalization control is very low and, since this element badly influences load equalization control, motor-speed synchronization is of no use. - The conclusions obtained in theoretical analysis were ascertained by experiments with a two-high, dual motor drive blooming mill. A simplified

Card 2/5

Equalization of Load and Velocities of a Twin-Drive for Blooming Mill

circuit diagram of the drive control system subject to tests is shown in Figure 27, i.e., circuits and elements irrelevant of the analysis are omitted. The system shown consists of two independent generator-motor blocks controlled by independent exciteramplidyne stages. The control amplidynes have four excitation coils: UZ, UO, UJ, UN. The further legend of the figure is: A - amplidyne, G -- generator, PS - rectifier, R - resistor, S - motor, T - tachogenerator, W - exciter. Test results are shown in Figures 28 through 32. Figure 28 shows the dependency C (excitation coefficient) = f(t), while the amplicyne was controlled by a rectangular signal. Figure 29 shows the functions of motor current at sudden loads, when the current function culminated after about 0.2 sec; the current slope was about 50 ka/sec. Figure 30 shows dynamic components of motor current at the onset of rectangular signals exciting the amplidyne. The tests and a current oscillogram shown in Figure 32 indicate that the load equalization control of the examined system practically does not work. According to Figure 33, the speed equalization system is capable only of reducing the occurring speed variations by a maximum of 30%. The modified control system worked out by the author is shown in Figure 34. The generator excitation coils constitute a single circuit in the

Card 3/5

Equalization of Load and Velocities of a Twin-Drive for Blooming Mill

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new system as opposed to the foregoing one. Also the coils of the exciters are powered by one common voltage source (amplidyne A1). The parameters of the amplidyne A1 circuit were selected so as to ensure that static characteristics of the generators are identical to those in the foregoing circuit. The amplidyne  $A_2$ . which previously operated in the block A2, W2, G2, S2, was linked into the generator excitation circuit. According to the conclusions of theoretical analysis, no speed equalization control is provided. Figure 35 shows the magnified oscillogram of amplidyne A2 voltage, Figures 36a and b show motor-current oscillograms. Comparison with oscillogram in Figure 32 of the foregoing system shows an efficient load equalization control of the new system. There are 37 figures and 5 references: 3 German, 1 Soviet and 1 Polish.

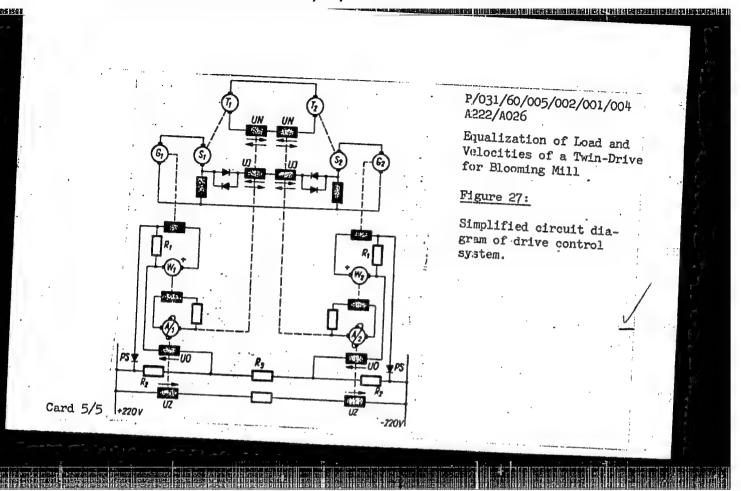
ASSOCIATION: Akademia Górniczo-Hutnicza Katedra Elektrotechniki Hutniczej

(Mining and Metallurgical Academy Department of Metallurgical

Electrical Engineering)

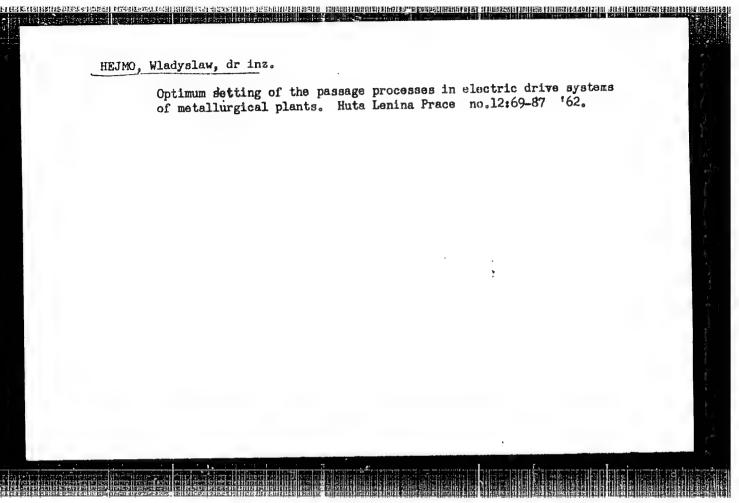
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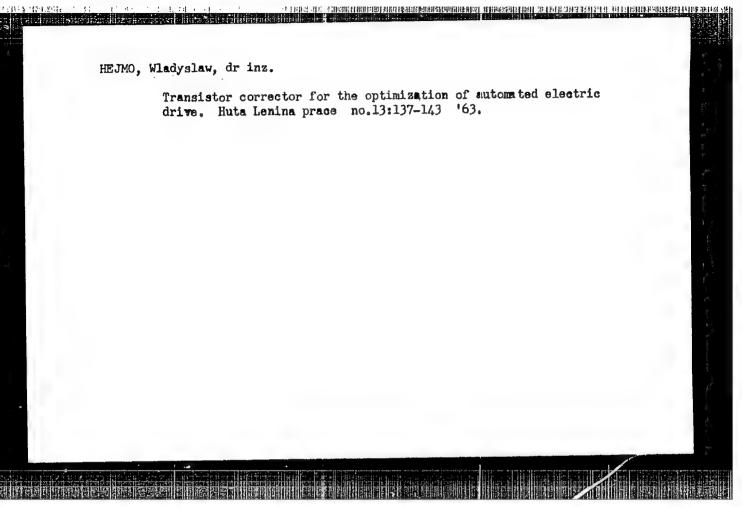
Card 4/5

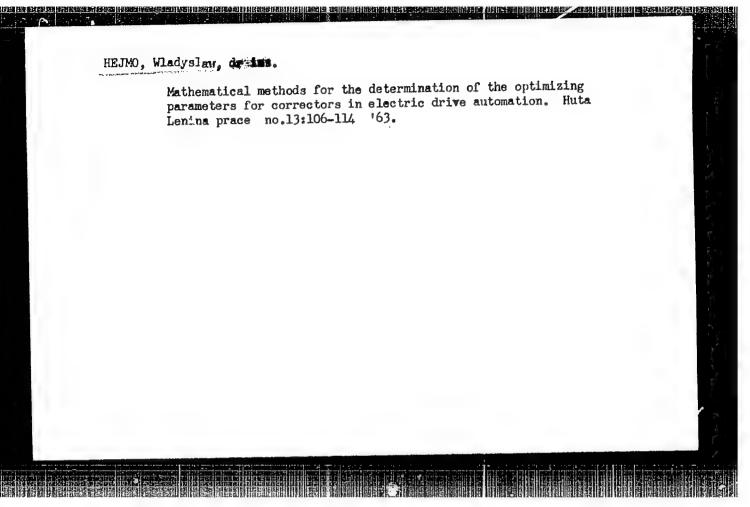


HEJMO, Wladyslaw, dr. inz.; STANEK, Stanislaw, mgr. inz.

A discrete program scheme of automation of the main drive and the roller-table drive of the blooming-mill. Huta Lenina prace no.10:116-121 '61.







HEJMO, Wladyslaw

Influence of the nonlinear character of optimizing correctors on the quality of controlling processes. Archiv automat 9 no.3:

295-308 164.

1. Department of Electrical Engineering in Metallurgy of the School of Mining and Metallurgy, Krakov.

BURGER, M.; HEJMOVA, L.

The effect of serum of rabbit immunized with crystalline hexokinase on sugar uptake by the yeast Saccharomyces cerevisiae R XII. Folia microbiol 6 no.3:210-211 '61. (EEAI 10:8)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences, Prague.
(SERUM) (SUGAR) (YEAST)

BURGER, M.; HEJMOVA, Libuse; LIEBSTER, J.

Uptake of galactose-1-14C by Saccharomyces cerevisiae R XII.
Folia microbiol 6 no.2:77-79 161. (REAI 10:5)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences. Prague 6.
(GALACTOSE) (YEAST) (CARBON) (RADIOISOTOPES)

BURGER, M.; HEJMOVA, Libuse

Uptake of metabolizable sugars by <u>Saccharomyces cerevisiae</u>. Folia microbiol 6 no.2:80-85 '61. (KEAI 10:5)

1. Department of Microbiology, Institute of Biology, Czechoslovak Academy of Sciences. Prague 6.
(SUGARS) (YKAST)

BURGER, M.3-HEIMOVA, L.

Uptake of galactose by the yeast during its utilization.
Folia microbiol 6 no.2:136-137 '61. (EEH 10:5)

1. Department of Microbiology, Institute of Biology, Gsechoslovak Academy of Sciences, Frague 6. (IRAST) (GALACTOSE)

MEJMA, A.

HECLA, A. New tin and zinc alloy used ar a galvanization coat for protection against corresion. Tr. from the German. p. 298.

Vol. 1, no. 10, Oct. 1956 NOVA TECHNIKA TECHNOLOGY Czechoslovakia

So. East European Accessions, Vol. 6, No. 5, May 1957

 DYKOVA, H.; PRESL, J., Acand. lek. ved.: POSPISIL, J.; KIETECKA, P., Technicka apoluprace: Hojna, A., Fatinova, R.

Tissue reactions to certain types of suture material in rats. Ceek. gyn. 24[38] no.9:716-722 Nov. 1959.

1. Ustav pro peci o matku a dite v Praze-Podoli, reditel prof. dr. J. Trapl.

(UTERUS, surg.) (SUTURES)

JIRSOVA, V.; JIRSA, M.; JANOVSKY, M.; HEJNA, A.

se has su céasal chiteachas differentifia Nach Final des chite con a c

Synthesis of direct bilirubin by liver slices. Cas.lek.cesk. 99 no.7/8:218-221 19 F 160.

1. Ostav pro peci o matku a dite v Praze, prednosta pediatrickeho useku prim. dr. K. Polacek. Laborator pro patofyziologii krvetvorne soustavy a jater v Praze, prednosta prof. dr. M. Netousek.

(BILIRUBIN metab.)

(LIVER metab.)

CZECHOSŁOVAKTA

HEJIMA, A; HEJIMY, J.

Hospital for Tuberculosis (Liecebna pre tuberkulozu),
Vysne Hagy (for both)

Prague, Rozhledy v tuberkulose, No 10, 1963, pp 632-666

"The Presence of Myco Bovis in Patients Treated in Vysne
Hagy in 1960-1961. Part II. Clinical and Epidemiological Investigation."

RUTEJ, B., prom. pravnik; HEJNA, D., zdrav. sestra

Problems in rationalization of the work of nurses in hospitals in conjunction with handling linen. Cesk. zdrav. 11 no.7/8: 367-371 \*63.

1. Vyzkumny ustav organizace zdravotnictvi, terenni vyzkumna skupina v Kromerizi.

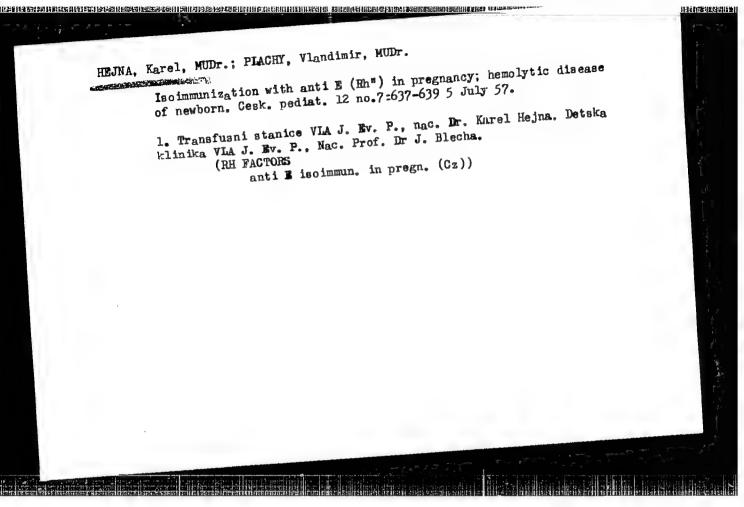
(HOSPITAL NURSING SERVICE) (HOSPITAL HOUSEKEEPING)

HEJNA, Karel, Dr.

Case of fetal erythroblastosis conditioned with anti c isc-immunication (anti Hr'). Cas.lek.ceak. 91 no.33:964-966 15 Aug 52.

1. 2 transfusni stanice v Hradci Kralove.

(FRYTHROBLASTOSIS, FETAL, etiology and pathogenesis, anti Hr' isc-immun.)



# HEJNA, K. Utilization of cold temperatures in preservation of the blood and of its derivatives. Cesk. fysiol. 7 no.4:339 July 58. 1. Transfusni stanice klim. nemocnice VIA. Hradec Kralove. (BLOOD PERSENVEN, by refrigeration (Cz)) (BLOOD DERIVATIVES, preserv. by refrigeration (Cz)) (REFRIGERATION, of blood & blood deriv. (Cz))

CHRUBAK, Ladislav; HENNA, Karel; HMIZDOVA, D.

1. I. Interna klinika (prednosta: prof. MUDr. F. Cernik) a Fakultni transfuzni stanice (prednosta: prim.MUDr. K. Hejna). Karlovy University v Hradci Kralove.

HEJNA, L.

Production of coke in the 3rd Five-Year Plan. r. 85

PALIVA. (Ministerstvo paliv a Ceskoslovenska vedecka technicka spolecnost pro vyuziti pri Ceskoslovenske akademi ved) Praha, Czechoslovakia. Vol. 39, no. 3, Mar. 1959

Monthly List of East European Accessions (EEAI), LV, Vol. 8, no. 7, July 1959 Uncl.

HEJNA, S.; SLOKAN, K.

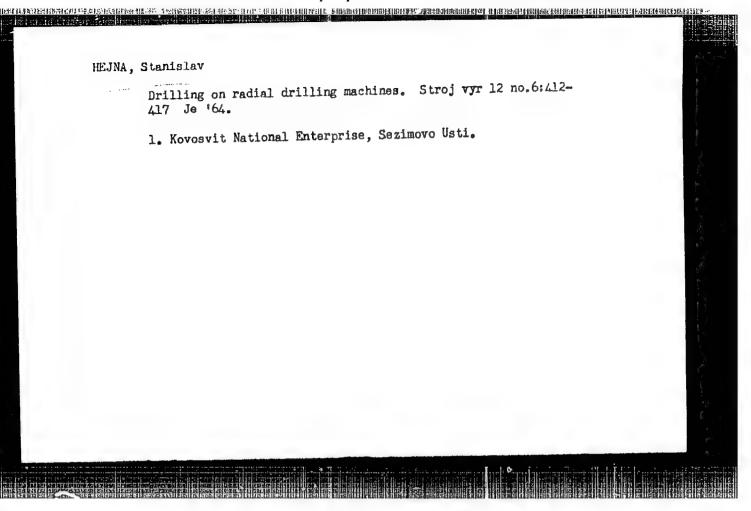
Manual for constructing mine premises. II. p. 1494. (Tehnika, Vol. 11, no. 10, 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions. (EEAL) LC. Vol. 6, No. 7, July 1957. Uncl.

SEDLACEK, B.; HEJNA, S.

Advantage in using swiveling jigs on radial drilling machines. Stroj vyr 9 no.6:277-287 '61.

1. Kovosvit, n.p., Sezimovo Usti.



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USSR/ General Problems of Pathology. Comparative Oncology. Tumors **U-7** in Humans

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61234

: Belan A., Hejnal J., Adler F., Masek R. Author

Inst

: Primary Cancer of the Lower Horizontal Part of the Duodenum Title

Orig Pub : Rozhl. chirurg., 1957, No 12, 830-835

Abstract : Description of a case of an adenocarcinoma of the lower horizontal part of the duodenum, in a patient 68 years of age. Resection was made of the duodenum and the greater part of the affected pancreas. After the operation, the patient felt well for 9 months, and died from bronchopneumonia. Postmorten did not reveal any netastasis of the adenocarcinomi. clinical picture and differentiated diagnosis were discussed. The difficulty of a diagnosis of the above mentioned condition

is emphasized.

: 1/1 Card

HEJNAL, J.

Case of ansurysm of the hepatic artery. Rozhl. chir. 36 no.5:420-423
June 57.

1. Ustav klinicke a experimentalni chirurgie Praha-Krc.
(APTERLES, HEMATIC, ansurysm
postog., case report (Cz))

BEIAN, A.; HEJNAL, J.; ADIER, F.; MASEK, R.

Primary carcinoma of the 3d part of the duodenum diagnosed by x-ray.
Rozhl. chir. 36 no.12:830-835 Dec 57.

1. UKECH a OUNZ, Vysocany. A. B. Ustav exp. a klin. chir., Praha-Irc.
(DUODENUM, neoplasms
primary polypoid adenocarcinoma of horizontal portion,
x-ray diag. (Cz))

HEJNAL, J.; HRDLICKA, Z.; SCHINDLER, J.; CERVINKA, F., Technicka spoluprace:

Z. Divis, J. Hnatek, M. Hubkova, Z. Linkova, L. Rablova, H. Tazilova,
H. Vidmarova, A. Zednikova.

Antibiotics in preoperative preparation of the large intestine.

Antibiotics in preoperative preparation of the large intestine. Rozhl. chir. 38 no.8:507-515 Aug 59.

1. Ustav klinicke a experimentalni chirurgie v Praze Ustav mikrobiol. a epidemiol. W v Praze.

(ANTIBIOTICS, ther.) (COION, surg.)

HRDLICKA, Z.; HEJNAL, J.

Prevention and treatment of disorders of water and electrolyte metabolism in surgical patients with special regard to diseases of the intestinal tract. Rev.Czech.M. 6 no.4: 241-52 \*60.

1. Institute for Clinical and Experimental Surgery, Prague - Krc. Director: Prof. B. Spacek, N.D.

(WATER ELECTROLITE BALANCE)

(GASTROINTESTINAL SYSTEM surg)

HRDLICKA, Z.; HEJNAL, J.

Possibility of prevention of ischemic necrosis of the liver by means of antibiotics. Cas. lek. cesk. 99 no.6:167-171 5 F '60.

1. Ustav klinicke a experimentalni chirurgie, Praha, reditel prof. dr. E. Spacek.

(LIVER DISEASES prev. & control)

(ANTIBIOTICS pharmacol.)

(HEPATIC ARTERY physiol.)

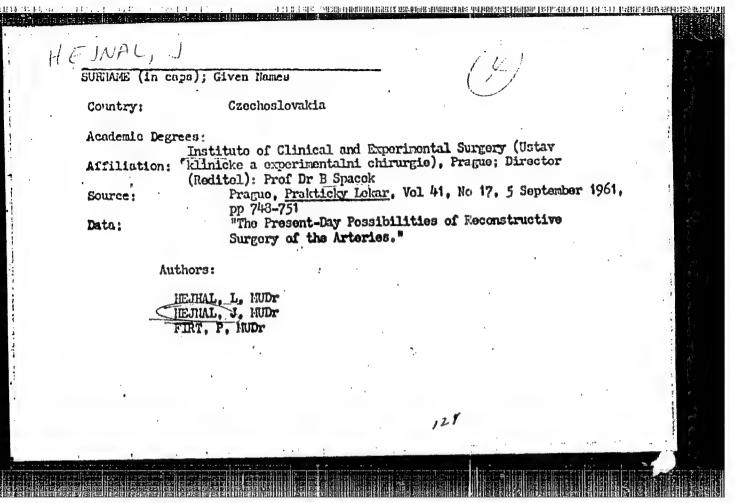
HRDLICKA, Z.; HEJNAL, J.

Prevention and therapy of the most frequent water-electrolyte exchange disorders in surgical patients. Rozhl.chir.40 no.2-3: 100-108 Mr '61.

1. Ustav klinicke a experimentalni chirurgie, Fraha-Krc, reditel prof.dr. B.Spacek.

(SURGERY OPERATIVE compl)

(WATER ELECTROLYTE BALANCE)



HEJHAL, L.; FIRT, P.; MICHAL, V.; HEJNAL, J.

On some problems in contemporary arterial surgery. Rozhl. chir. 42 no.1:3-7 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr. B. Spacek, DrSc.

(ARTERIES) (VASCULAR SURGERY)

MICHAL, V.; HEJNAL, J.; HEJHAL, L.; FIRT, P.

Surgery of the arteries of the extremities. Rozal. chir. 42 no.11:
8-13 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof.
dr. B. Spacek, DrSc.

(VASCULAR SUNCERY) (ARTENIOSCLEROSIS)

(INTERMITTENT CLAUDICATION)

(EXTREMITIES)

FIRT, P.; MICHAL, V.; HEJNAL, J.; HEJHAL, L.

Contribution to the surgery of aortic iliac occulsions. Rozhl. chir.
42 no.1:17-27 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof.
dr. B. Spacek, DrSc.
(AORTA)
(VASCULAR SURGERY) (VASCULAR DISEASES)
(VASCULAR SURGERY) (BLOOD VESSEL TRANSPLANTATION)

HEJNAL, J.; HEJHAL, L.; FIRT, P.; MICHAL, V.

Diagnosis and surgical treatment of vasorenal hypertension. Bozhl. chir. 42 no.1:44754 Ja '63.

1. Ustav klinicke a experimentalni chirurgie v Praze, reditel prof. dr B. Spacek, DrSc.
(HYPERTENSION RENAL) (ANGIOGRAPHY) (KENAL ARTERY OBSTRUCTION) (SPLENIC ARTERY)

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GEYNAL, Ya. [Hejnal, J.]; GEYGAL, L. [Hejgal, L.]; FIRT, P.; MIKHAL, V. [Michal, V.]

Surgical treatment of vasorenal hypertension. Knirurgiia 40 no.7:68-75 J1 '64. (MIRA 18:2)

1. Institut klinicheskoy i eksperimental nov khirurgii (dir. - chlen-korrespoident Chekhoslovatskoy akademii nauk prof. B. Shpachek [Spacek, B.]), Praga.

FIRT, P.; Minhal, V. (Michai, V.); Grynal, Yo. Helphal, J., delika, I. (Hejgal, I.)

Reconstructive surgery in obliterating arteriosclerosis of the abdominal acrta and iliac arteries. Khirurgiia 40 no.7:75-83

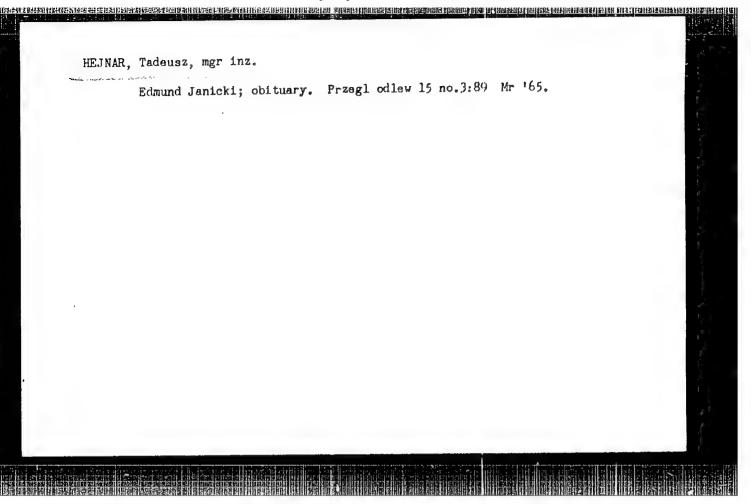
J1 '64.

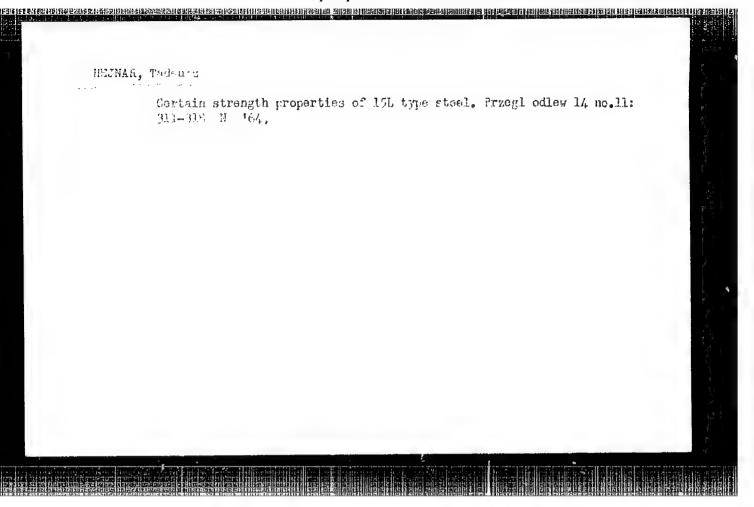
1. Institut klinicheskoy i eksperimental'noy khirurgii (dir. - chlen-korrespordent Chekhoslovatskoy akademii nauk prof. B. Shpachek (Spacek, B.)), Praga.

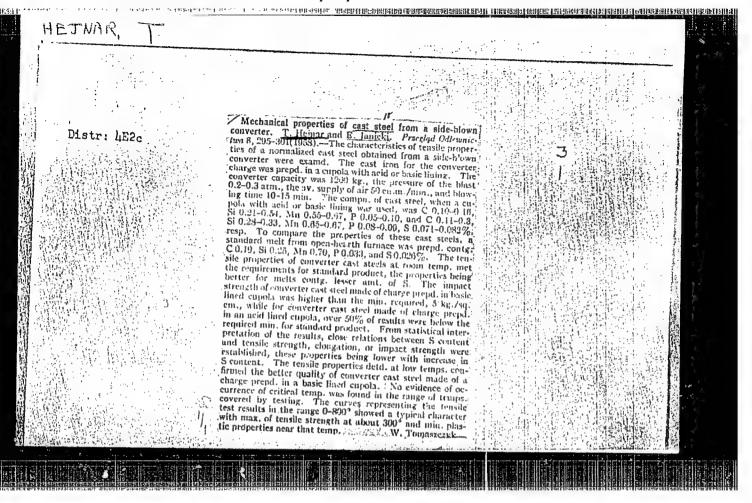
HEJHAL, L.: HEJNAL, J.; FIRT, P.; MICHAL, V.

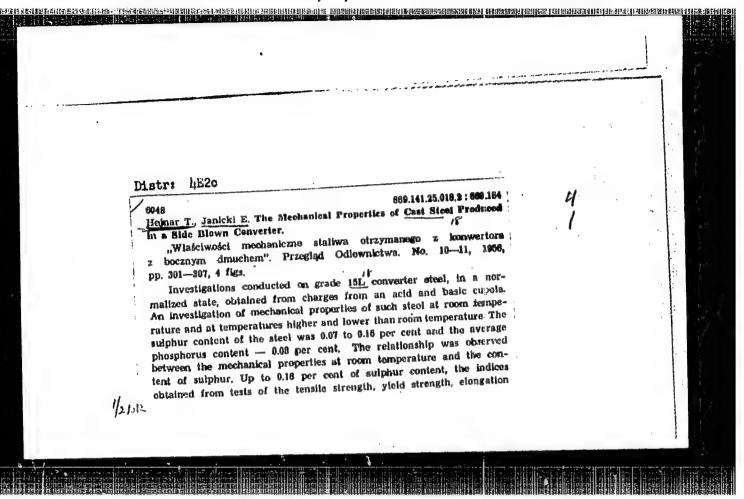
Preventive administration of penicillin in surgical reconstruction of arteries. Rozhl. chir. 44 no.5:301-305 My 65.

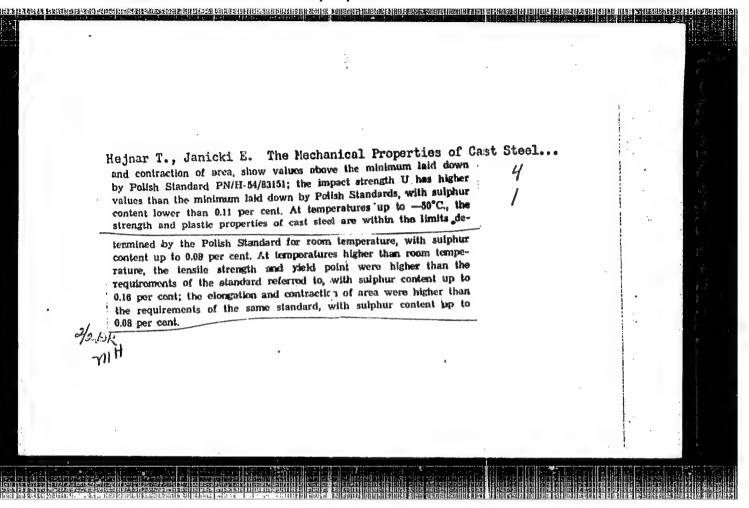
1. Ustav klinicke a experimentalni chirurgie v Praze (reditel: prof. dr. B. Spacek, DrSc.).

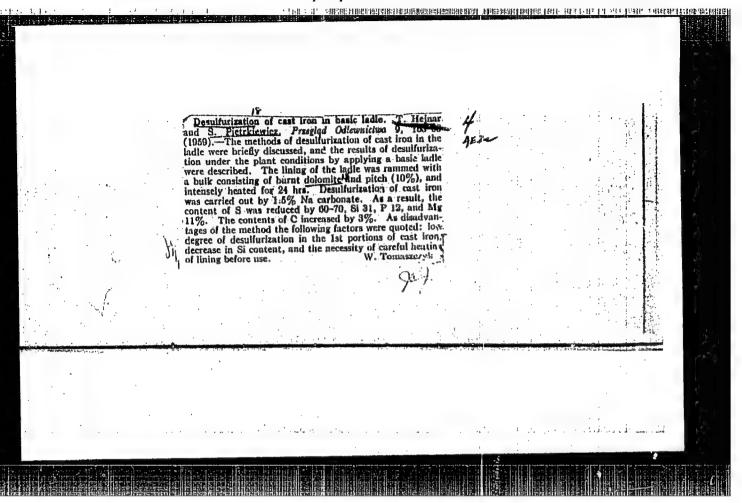


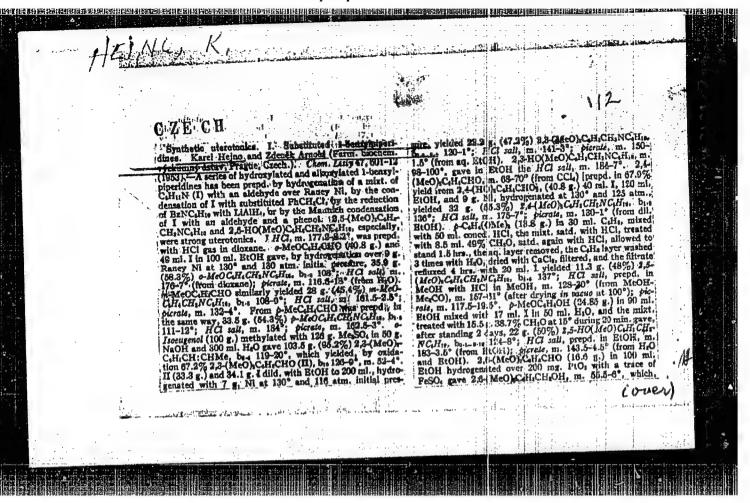


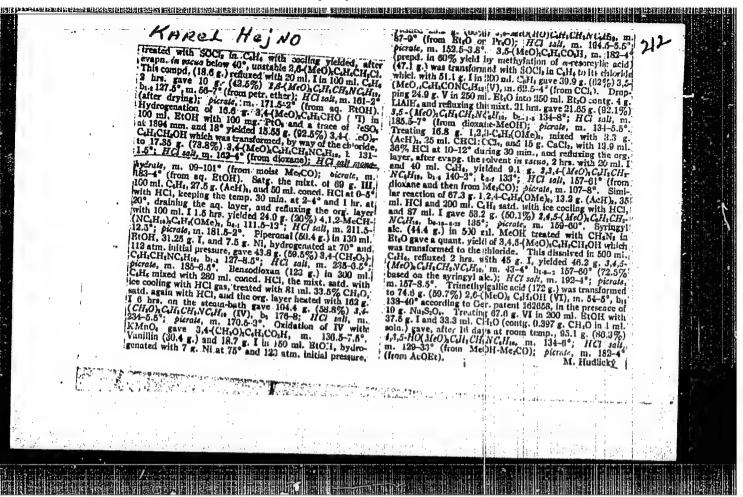


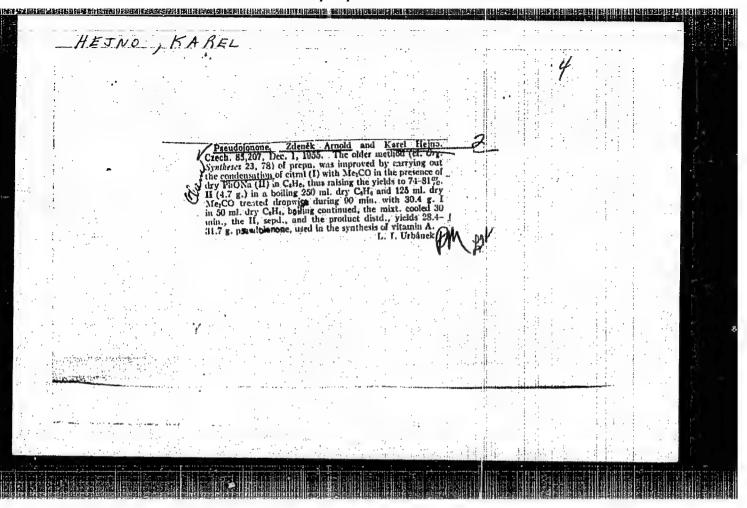


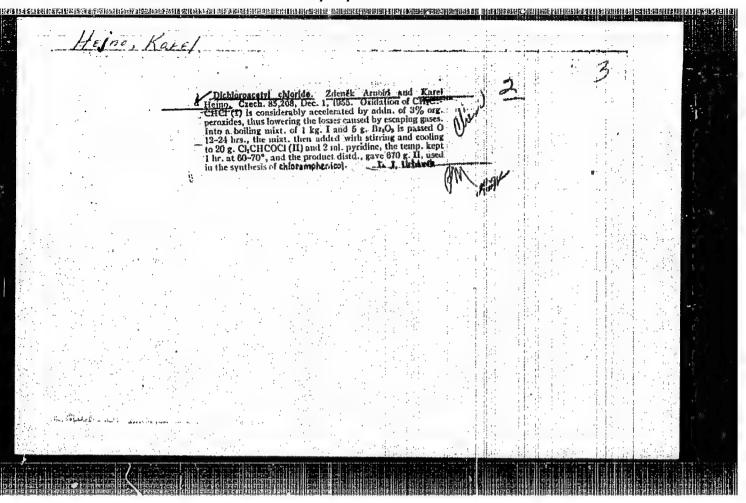


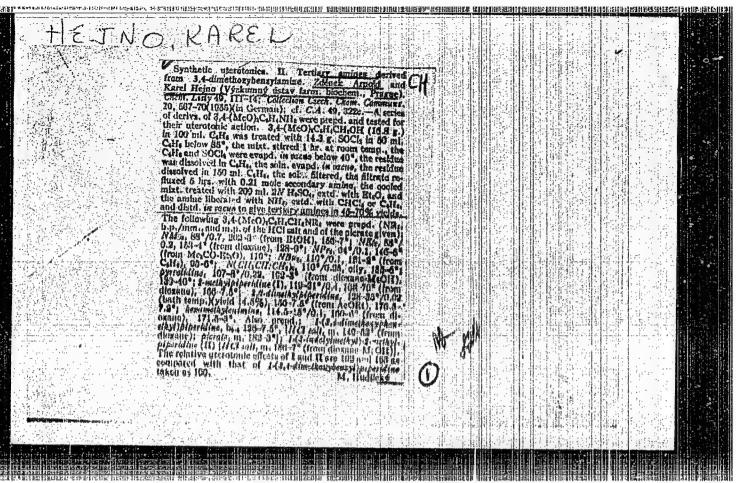


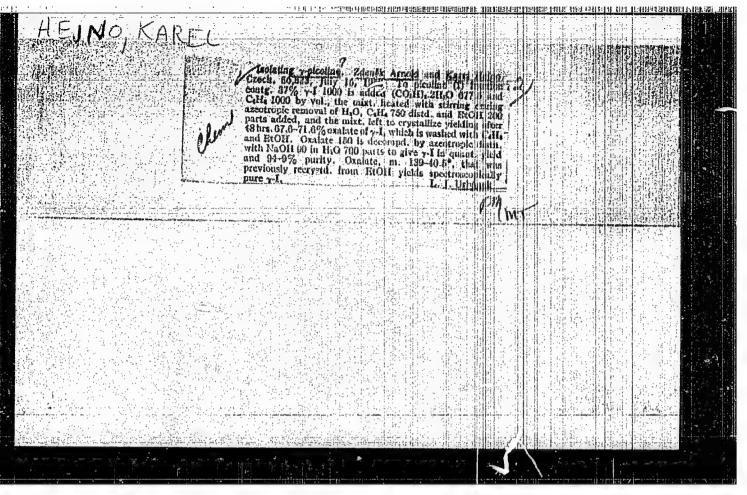












JAROLIM, V.; HEJNO, K.; SORM, F.

Composition of brown coal. Pt.9. Coll Cz Chem K no.3:873-879 Mr '65.

1. Institut fur organische Chemie und Biochemie, Tschechoslowakische Akademie der Wissenschaften, Prague. Submitted June 15, 1964.

2. Advisory Board Chariman, "Collection of Czechoslovak Chemical Communications" (for Sorm).

JAROLIM, V.; STREIBL, M.; HEJNO, K.; SORM, F.

Composition of lignite. I. Some substances present in montan wax. II. Additional substances present in montan wax. Coll Cz chem 26 no.2:459-465 F '61. (EEAI 10:9)

1. Institut fur organische Chemie und Biochemie, Tschechoslowakische Akademie der Wissenschaften, Prag.

(Lignite) · (Montan wax)

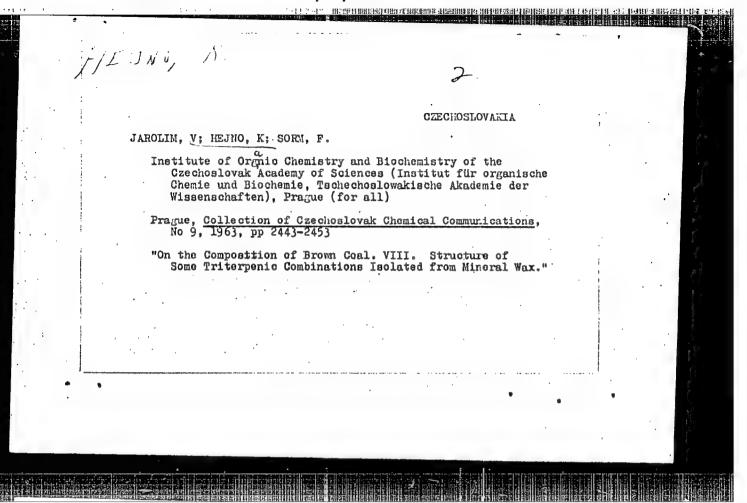
CZECIOSLOVAKIA

JAROLIM, V; HEJIO, K; SORM, F.

Institute of Organic Chemistry and Biochemistry of the Czechoslovak Academy of Sciences (Institut für organische Chemie und Biochemie, Tschechoslovakische Akademie der Wissenschaften), Prague (for all)

Prague, Collection of Czechoslovak Chemical Communications, No 9, 1963, pp 2318-2326

"On the Composition of Brown Coal VII. On Further Materials Contained in the Harz Section of Mineral Wax."



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USSR / Plant Physiology. Growth and Development.

Ι

Abs Jour : Ref Zhur - Biol., No 9, 1958, No 38941

Author

: Hejnowicz, Z.

Inst

: Not given

Title

: Growth and Differentiation in the Root of Phleum Protense.

I. Distribution of Longitudinal Growth in the Root.

Orig Pub

: Acta Soc. bot. Polon., 1956, 25, No. 3, 459-478

Abstract : Growth of the root of timothy grass was studied by means of observation of the displacement of various dots on the surface of the root placed under the microscope in a chamber in which the nutritional solution was changing and meration was kept steady. The rapidity of growth gradually increased, reached the maximum for a distance of ~ 700 / from the tip (with the general length of that zone  $\sim$  1500 $_{\rm m}$ ) and gradually increased over the extent of the significant part of the root. The results obtained do not agree with the assertion of Elcomfield (Amer. J. Bot., 1942, 29, 533-543), nor with

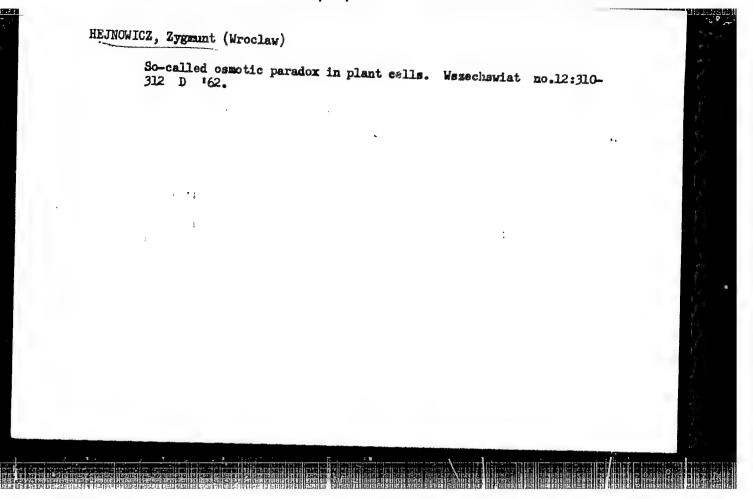
Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-Growth and Development CIA-RDP86-00513R000617930004-1

Abs  $J^{O}$ ur : Ref Zhur - Biol., No 8, 1958, No 38941

Abstract : that of Goodwin and Stepko (ibid., 1945, 32, 36-43) with reference to the sudden decrease in the rapidity of growth at the end of the zone of growth.

Card 2/2



HEJNOWICZ, Z.

Intrusive growth, transverse and pseudotransverse divisions in fusiform initials of wounded cambium of Larix europaea. Acta soc botan Pol 32 no.3:493-503 '63.

1. Katedra Anatomii i Cytologii Roslin, Uniwersytet, Wroclaw.

HEJNOWICZ, Z.

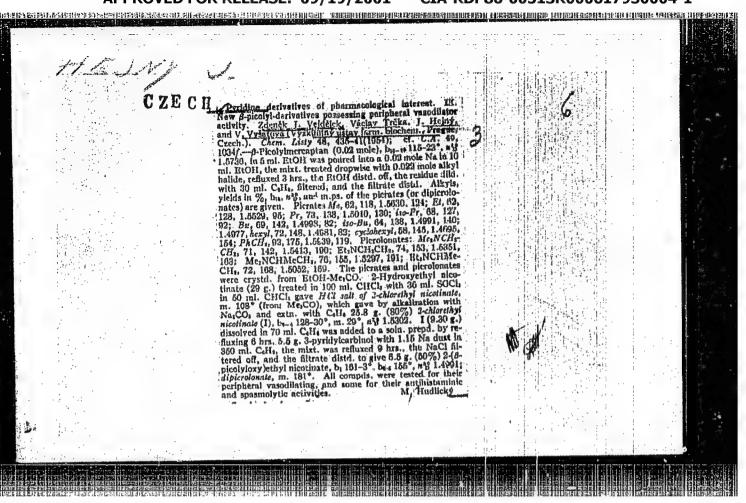
Intrusive growth in the establishment of the cambial union in the Larix after transverse incision. Acta soc botan Pol 32 no.41625-630'63.

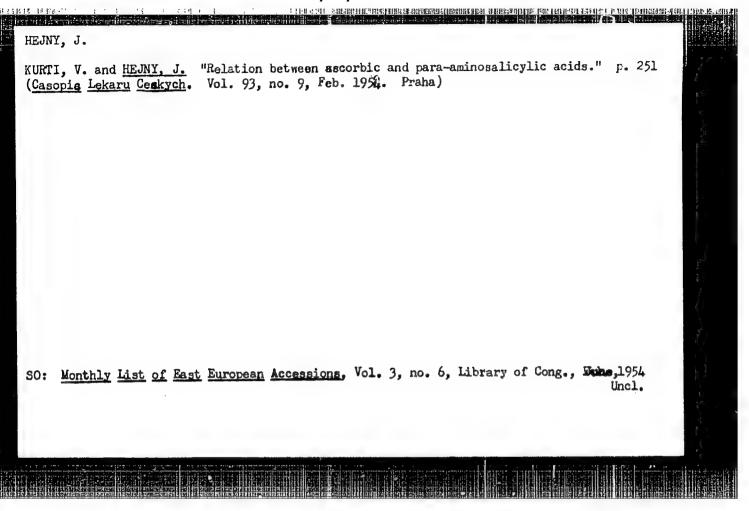
1. Katedra Anatomii i Cytologii Roslin, Uniwersytet, Wroclaw.

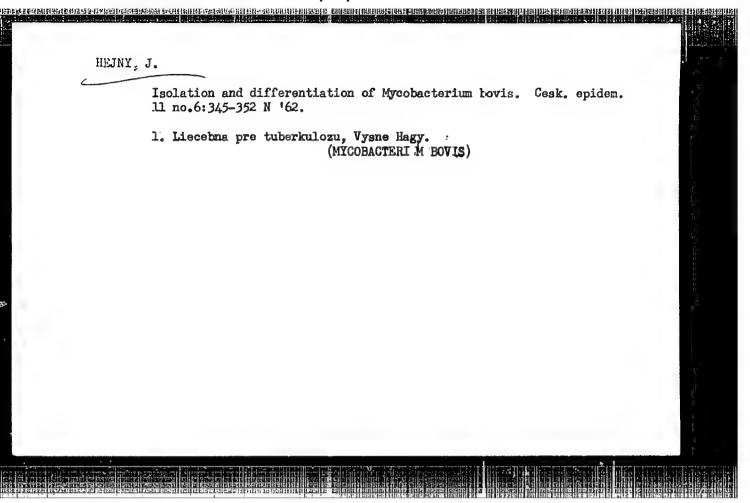
ROSAK, Z., HEJNY, H.

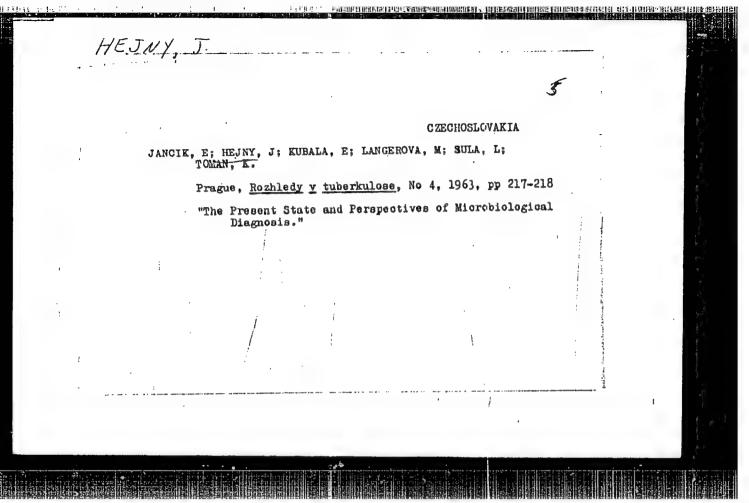
Equipment for green malt conveying. Kvasny prum 9 no.7:176-177 Jl '63.

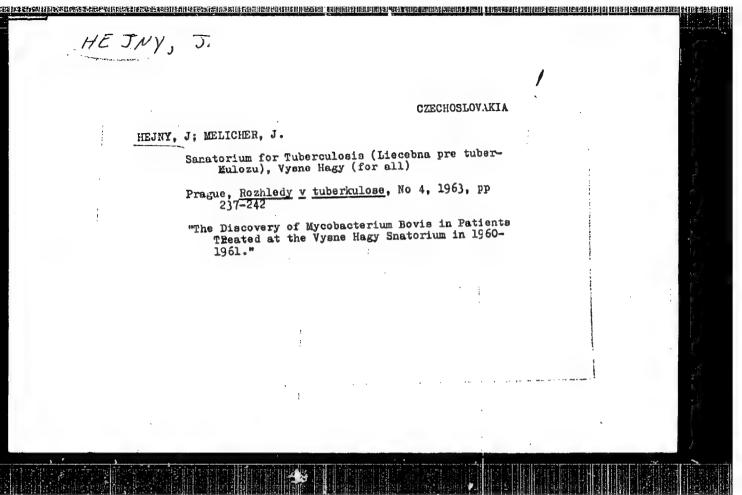
1. Obchodni sladovny, n.p., Prostejov.







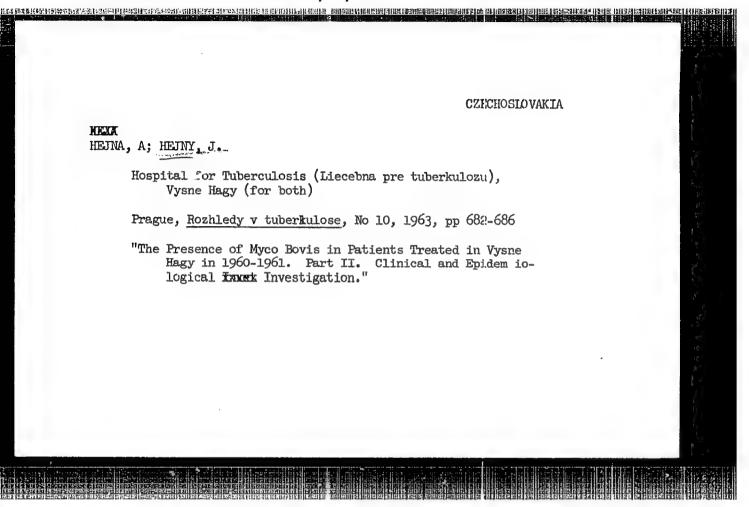


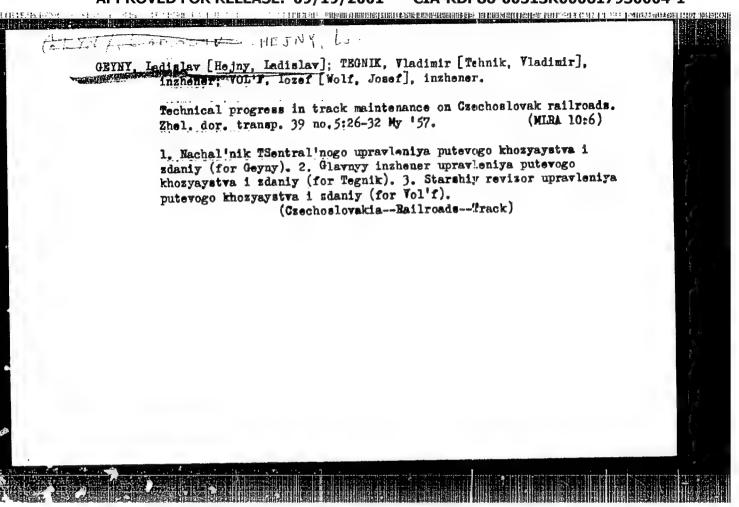


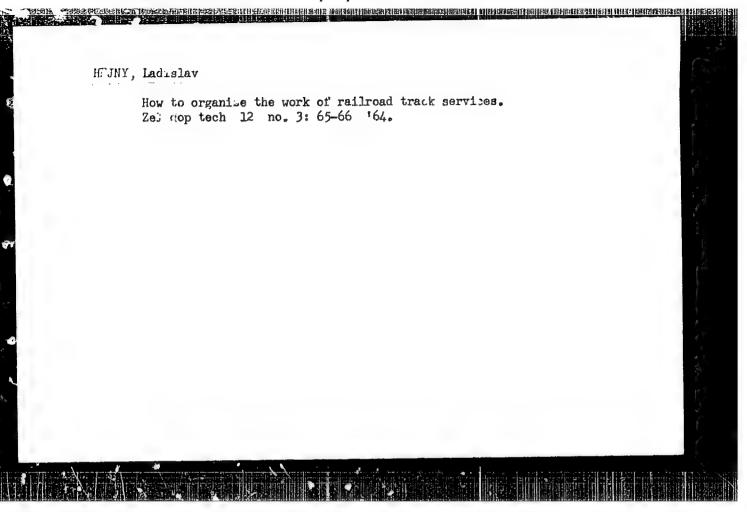
ZAHRADNICKY, J.; VYMOLA F.; HEJZLAR, M.; POTUZNIK, V.; KUBALA, E.;
HEJNY, J.

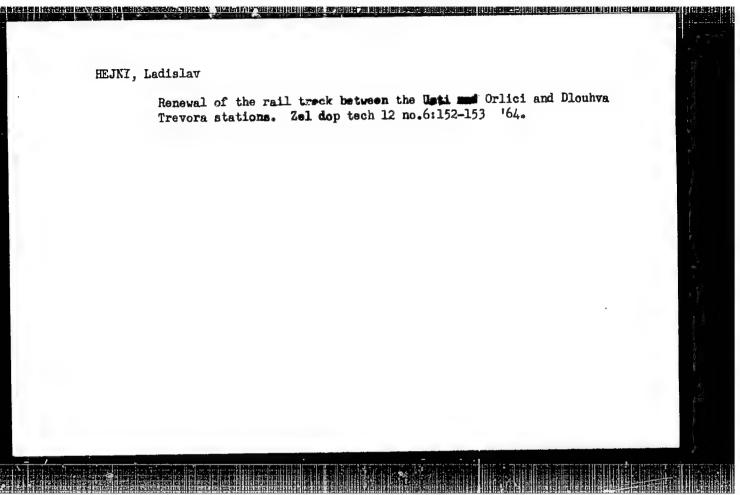
Current status of the sensitivity of some pathogenic agents in
Czechoslovakia. Cas. lek. cesk. 104 no.23:609-614 11 Je'65.

1. Ustav pro mikrobiologii a epidemiologii lakarske fakult;
Karlovy University v Plani; Ustav epidemiologie a mikrobiologie
v Praze; Vojensky ustav hygienje ologie a mikrobiologie
v Praze; Krajska hygienicko-epidemiologicka stanice v Ceskych
Budejovicich; Lecebna tuberkulozy v Janove u Mirosova; a Lecebna
tuberkulozy ve Wysnych Hagach.



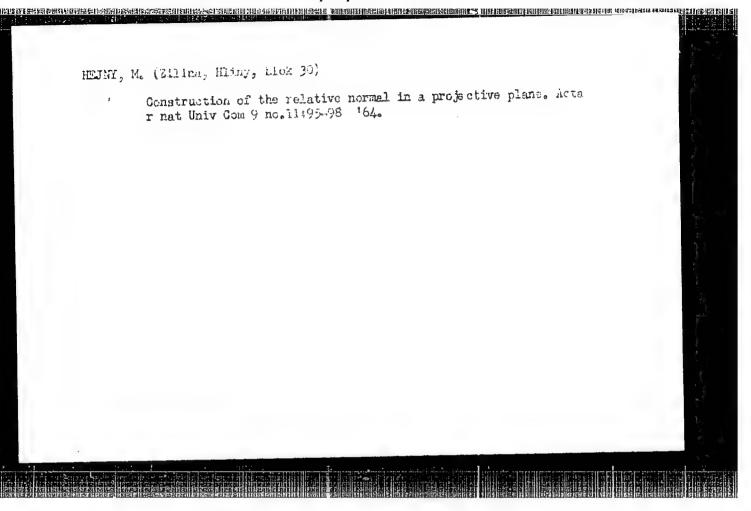


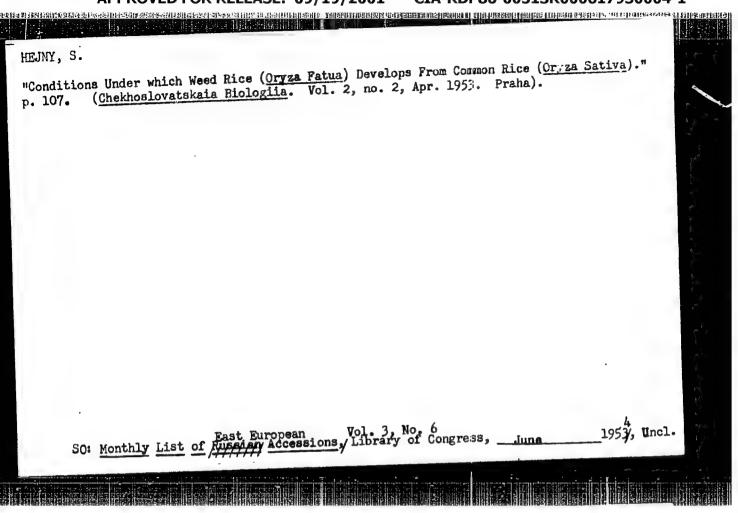




VEJSADA, Frantisek (Ceske Brdelovice); LEPIL, Olirier. (Chromat); HORACEX, Rudelf (Olomouc); KLATIL, Jiri (Fizen); CTHECKO, C. (Fresov.; PROCHAZKA, Jiri (Usti nad Labem); HESHY, M. (Zilia)

Reports on the activity of the Branches of the Association of Czechoslovak Enthematicians and Physicists. Followky cat fyz agts 9 no.4:260-266 164.

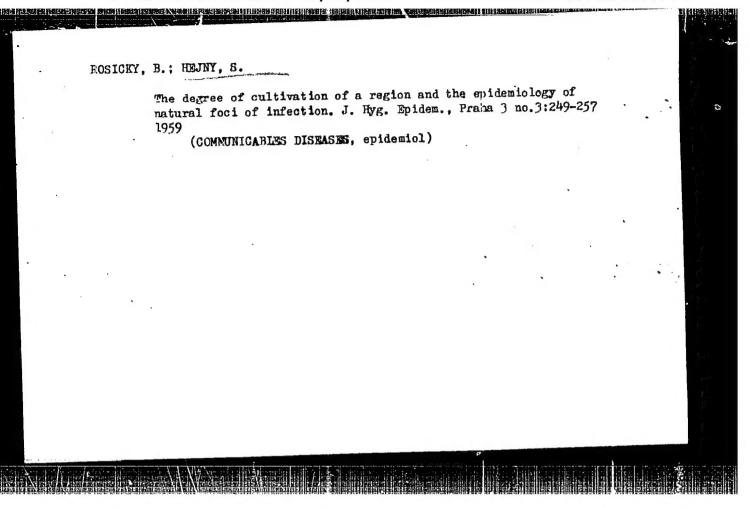


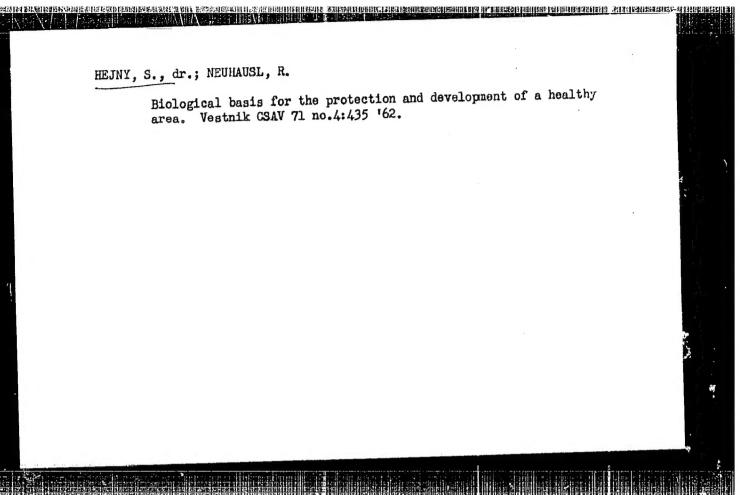


HENY, S.

"Study on the ecology of the Echinochlea species; Echinochlea crus gaili (L)
P. Beauv. and Echinochlea coarctata (Stev.) Koss. In German.
p. 5 (Biologicke Prace, Vol. 3, no. 5, 1957, Bratislava, Czochoslovakia.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1953.





## CARCTERS

HEINY, S., NECHAUSE, R., Postatoni Largitude of the Osochaslovet Ausland of Selender (Bokenten mater Conkoulovenake . okademis red); Prohonice, near Frague.

urns Perspectives of the Biological Pounderloss of the Protection and Davelement of a Meelthy Countryside."

Bretislava, Mologie, Vol. 18, No. 3, 63, op 169 - 183.

Abstract: The outhors discuss the importance of the segeta-Sion to the mature of living conditions of men and to their culture. The consider the importance of hydrography, re-sorrations, agricultural products, and the providing of spaces for recreation. They end the article by linewasing aschitectural concepts for modern towns and rillages. I Erician, 8 Ozoch, 25 German, 8 Russian references.

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APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617930004-

with Raw Materials and Equipment." p. 577, (HUTNIKE LISTY, Vol. 9, No. 10, Oct. 1954, Brno, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4 No. 5, May 1955, Uncl.

HEJSEK, J.

Experiences of the Kuznets foundry in saving fire-resistant materials. p. 283.

HUTNIK. Vol. 6, no. 9, Sept. 1956

Praha, Czechoslovakia

SOURCE: East European List (EFAL) Library of Congress, Vol. 6, No. 1, January 1957